

1 1. In a computer system having a video display device, the video
2 display device having a screen, a method comprising:

3 providing a plurality of controls on the screen of the video display device;
4 identifying a control group, the control group being comprised of at least
5 two controls associated in a data structure;
6 representing the control group with a single status indicator in the data
7 structure; and
8 directing the activation of the controls of the control group by storing an
9 active value in the single status indicator.

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11 2. The method of claim 1 wherein the computer system further includes
12 a cursor which is displayed on the screen of the video display device, the method
13 further comprising:

14 identifying a location on the screen that the cursor points to; and
15 for each control of the control group, identifying a control position, the
16 control position defining a location on the screen for the activated control,
17 determining a control distance, the control distance defining a control connecting
18 path which connects the identified location with the control position, calculating a
19 control angle, the control angle being an angle formed between the control
20 connecting path and a last direction of cursor movement path, and calculating a
21 weighted distance.

1 3. An apparatus for activating and deactivating a control grouping, the
2 control grouping being comprised of at least two controls and being displayed on a
3 screen of a video display device of a computer system, the apparatus including:

4 a memory formed within the computer system; and

5 a control grouping identifier contained within the memory, wherein the
6 control grouping identifier has an active state and an inactive state and wherein the
7 control grouping identifier represents the controls of the control grouping.

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9 4. The apparatus of claim 3 wherein the control grouping identifier is a
10 bit of a control word.

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12 5. The method of claim 1, further comprising directing the activation of
13 individual controls by storing an active value in a status indicator for each control.

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15 6. The method of claim 1, further comprising directing the deactivation
16 of the controls of the control group by masking the active value in the single status
17 indicator.

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19 7. **(Amended)** The method of claim 1, further comprising:
20 directing the deactivation of the controls of the control group by masking
21 the active value in the single status indicator; and

22 directing the activation of the controls of the control group by storing an
23 active value in a status indicator for each control.

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1 8. **(Amended)** The apparatus of claim 3 wherein the apparatus further
2 includes an identifier for an individual control contained within the memory, and
3 wherein the identifier for the individual control has an active state and an inactive
4 state.
